

Converting Colors

XYZ(34.6063, 40.5695, 61.5442)

Have a look what the booklet for
XYZ(34.6063, 40.5695, 61.5442)
contains.

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Color

**XYZ(34.5479, 40.5222,
61.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	79B3C9
RGB	121, 179, 201
RGB Percent	47%, 70%, 79%
CMY	0.5255, 0.2980, 0.2118
CMYK	0.40, 0.11, 0.00, 0.21
HSL	196°, 43%, 63%
HSV	196°, 40%, 79%
XYZ	34.5479, 40.5222, 61.2590
YIQ	164.1660, -41.6300, -5.4540

Conversions

Conversions Part 2

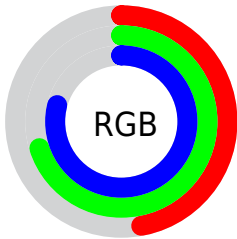
Format	Color
R _Y B	121, 155, 201
Decimal	7975881
CIE Lab	69.84, -13.17, -17.11
CIE LCh	70, 21.588, 232.416
Yxy	40.5222, 0.2534, 0.2972
Android (android.graphics.Color)	4286165961 (0xFF79B3C9)
YUV	164.1660, 18.1592, -37.8566
Hunter-Lab	63.6570, -14.5245, -12.4965

Details

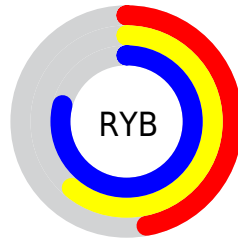
The XYZ color **34.5479, 40.5222, 61.2590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3618, 33.4437, 22.5765**, and the grayscale version is **35.2971, 37.1353, 40.4404**.

A 20% lighter version of the original color is **65.6628, 75.8668, 105.7907**, and **15.0421, 18.2216, 30.3281** is the 20% darker color. If you saturate the color by 10%, you get **30.9338, 37.0482, 60.7797**, and if you desaturate by 10%, it is **38.7958, 44.3907, 61.7825**.

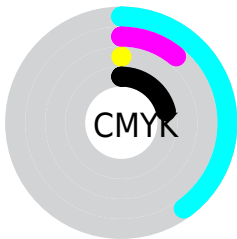
Distribution



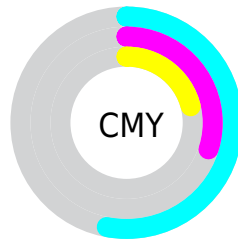
- Red (47%)
- Green (70%)
- Blue (79%)



- Red (47%)
- Yellow (61%)
- Blue (79%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5479, 40.5222, 61.2590 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.5479, 40.5222, 61.2590 by changing the saturation by 10% instead.

■ 34.5479, 40.5222,
61.2590

■ 34.5479, 40.5222,
61.2590

314.1114,
348.3197, 447.1558

■ 23.4797, 27.9459,
44.0023

■ 66.1234, 75.9580,
108.2150

■ 15.0708, 18.2849,
30.3351

■ 87.3615, 99.5864,
138.7515

■ 8.9557, 11.1547,
19.8389

■ 112.7202,
127.6676, 174.5516

■ 4.7692, 6.1710,
12.0951

142.5650,
160.5860, 216.0339

■ 2.1458, 2.9493,
6.6851

177.2611,
198.7260, 263.6169

■ 0.7140, 1.1053,
3.1905

217.1740,

■ 0.0000, 0.0000,

242.4720, 317.7192

1.1927

262.6690,
292.2085, 378.7593

■ 0.0000, 0.0000,
0.0000

■ 34.5479, 40.5222,
61.2590

■ 34.5479, 40.5222,
61.2590

■ 30.9338, 37.0482,
60.7797

■ 38.7958, 44.3907,
61.7825

■ 27.9124, 33.9441,
60.3397

■ 43.7078, 48.6672,
62.3491

■ 25.4437, 31.1892,
59.9381

■ 49.3166, 53.3704,
62.9613

■ 23.4806, 28.7586,
59.5724

■ 55.6517, 58.5162,
63.6206

■ 21.9674, 26.6227,
59.2399

■ 62.7408, 64.1195,
64.3285

■ 20.8020, 24.7281,
58.9356

■ 70.6102, 70.1946,
65.0864

■ 20.7799, 24.6914,
58.9297

■ 76.7748, 75.4611,
65.7780

■ 78.2294, 78.3705,
66.2629

■ 79.7324, 81.3764,
66.7639

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.6131, 40.5222, 51.9015



34.5479, 40.5222, 61.2590



37.6323, 40.5222, 66.1609

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.5479, 40.5222, 61.2590



45.5917, 40.5222, 46.7192



36.0011, 40.5222, 28.5718

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.5479, 40.5222, 61.2590



37.3618, 33.4437, 22.5765

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.4117, 40.5222, 27.6171



34.5479, 40.5222, 61.2590



45.0895, 40.5222, 37.1611

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.5479, 40.5222, 61.2590



44.1084, 40.5222, 56.9765



42.7750, 40.5222, 30.5218



33.4159, 40.5222, 33.3624

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.5479, 40.5222, 61.2590



39.9829, 40.5222, 65.7913



42.7750, 40.5222, 30.5218



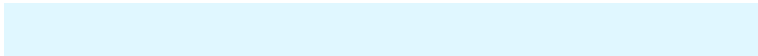
37.0837, 40.5222, 27.8245

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.5492, 40.5238, 61.2599



82.0487, 89.3996, 107.5392



33.6804, 47.8021, 33.1754



17.2828, 18.9027, 22.9876



0.0000, 0.0000, 0.0000



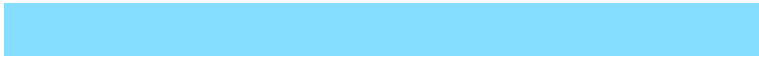
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.5492, 40.5238, 61.2599



53.6067, 64.0677, 104.1487



27.7583, 26.9421, 58.9963



10.6906, 11.5553, 13.5844



13.1453, 15.6845, 37.0789



0.6807, 0.8592, 1.7751

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.0625, 29.3481, 46.2554



62.6696, 43.1644, 73.6743



44.3358, 47.3915, 24.9011



10.9539, 10.7649, 12.7403



18.4345, 9.1234, 18.0296



0.9023, 0.4438, 1.0085

Previews

White Background



This preview shows how the XYZ color 34.5479, 40.5222, 61.2590 looks on a white background.

Color Contrast Check

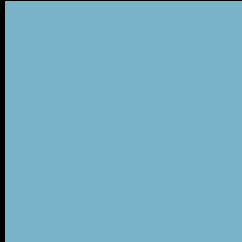
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.5479, 40.5222, 61.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

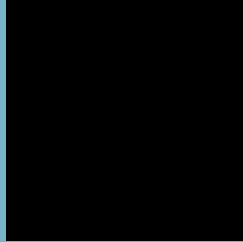
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5479, 40.5222, 61.2590

Background



This preview shows how black text looks on a background with the XYZ color 34.5479, 40.5222, 61.2590.



This preview shows how white text looks on a background with the XYZ color 34.5479, 40.5222,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.5479, 40.5222, 61.2590

Protanopia

39.6515, 40.3780, 56.7428

Deuteranopia

41.1129, 40.1781, 62.7150



Tritanopia

33.7793, 40.5046, 57.6676

Trichromacy



Original Color

34.5479, 40.5222, 61.2590

Protanomaly

37.5993, 40.4024, 58.6401

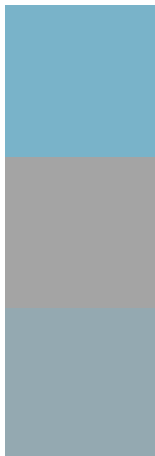
Deuteranomaly

38.2913, 40.1130, 62.2243

Tritanomaly

34.1450, 40.6668, 58.8732

Monochromacy



Original Color

34.5479, 40.5222, 61.2590

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.3365, 37.8462, 47.0903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5479, 40.5222, 61.2590 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(121, 179, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 179, 201) }
```

Border

The CSS property to change the border of an element to XYZ 34.5479, 40.5222, 61.2590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 179, 201) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(121, 179, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(121, 179, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(121, 179,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5479, 40.5222, 61.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 179, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
179, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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